

# Datasheet for ABIN2786532

# anti-RPL30 antibody (Middle Region)





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Quantity:	100 μL
Target:	RPL30
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio), Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL30 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RPL30
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the middle region of human RPL30  LKMIRQGKAK LVILANNCPA LRKSEIEYYA MLAKTGVHHY SGNNIELGTA
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Sequence: Predicted Reactivity:	LKMIRQGKAK LVILANNCPA LRKSEIEYYA MLAKTGVHHY SGNNIELGTA  Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
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Sequence:  Predicted Reactivity:  Characteristics:	LKMIRQGKAK LVILANNCPA LRKSEIEYYA MLAKTGVHHY SGNNIELGTA  Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%  This is a rabbit polyclonal antibody against RPL30. It was validated on Western Blot using a cell lysate as a positive control.
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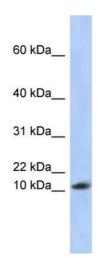
# **Target Details**

Alternative Name:	RPL30 (RPL30 Products)
Background:	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a
	large 60S subunit. Together these subunits are composed of 4 RNA species and approximately
	80 structurally distinct proteins. RPL30 is a ribosomal protein that is a component of the 60S
	subunit. The protein belongs to the L30E family of ribosomal proteins. It is located in the
	cytoplasm. This gene encoding RPL30 is co-transcribed with the U72 small nucleolar RNA gene
	which is located in its fourth intron. Ribosomes, the organelles that catalyze protein synthesis,
	consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed
	of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a
	ribosomal protein that is a component of the 60S subunit. The protein belongs to the L30E
	family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the
	U72 small nucleolar RNA gene, which is located in its fourth intron. As is typical for genes
	encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed
	through the genome.
	Alias Symbols: L30
	Protein Interaction Partner: UBC, CEP76, CEP250, CEP57, VCP, TP53, AURKA, MDM2, WWOX,
	ZBTB1, EED, USP14, ICAM1, IGSF8, PAN2, OAS1, ITGA4, IL7R, FN1, UBL4A, VCAM1, RPS11,
	MAP2K7, ZFAND2A, FAM120B, G0S2, RPL13A, CASP2, PA2G4, RPS29, RPS26, RPS24, RPS23,
	RPS21, RPS16, RPS15A, RPS14, RPS
	Protein Size: 115
Molecular Weight:	13 kDa
Gene ID:	6156
NCBI Accession:	NM_000989, NP_000980
UniProt:	P62888
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 115 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid

## Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Images**



#### **Western Blotting**

Image 1. WB Suggested Anti-RPL30 Antibody Titration:

0.2-1 ug/ml

**ELISA Titer:** 1:312500

Positive Control: Human Placenta